



SEQUENCE LISTING

<10> Theratechnologies

<120> Uses of Synthetic Peptides For
Modulating G-Protein Coupled Receptors

<130> 1096-105US2CIP

<140> US 10/678,413

<141> 1999-09-15

<150> US 09/154,627

<151> 1998-09-17

<160> 163

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<223> peptide derived from the sequence of Prostaglandin
F2-alpha Receptor

<400> 1

Ile Leu Gly His Arg Asp Tyr Lys

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F2-alpha Receptor

<400> 2

Trp Glu Asp Arg Phe Tyr Leu Leu

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<223> peptide derived from the sequence of Prostaglandin

F2-alpha Receptor

<400> 3

Tyr Gln Asp Arg Phe Tyr Leu Leu
1 5

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<223> peptide derived from the sequence of Prostaglandin
F2-alpha Receptor

<400> 4

Ile Leu Ala His Arg Asp Tyr Lys
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<213> Artificial Sequence

<220>

<223> peptide derived from the sequence of Prostaglandin
F2-alpha Receptor

<400> 5

Ile Leu Gly Phe Arg Asp Tyr Lys
1 5

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<220>

<223> peptide derived from the sequence of Prostaglandin
F2-alpha Receptor

<400> 6

Ile Leu Gly His Lys Asp Tyr Lys
1 5

<210> 7

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<220>

<223> peptide derived from the sequence of Prostaglandin
F2-alpha Receptor

<400> 7

Ile Leu Gly His Arg Asn Tyr Lys

1 5

<210> 8

<211> 8

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<220>

<223> peptide derived from the sequence of Prostaglandin
F2-alpha Receptor

<400> 8

Ile Leu Gly His Gln Asp Tyr Lys

1 5

<210> 9

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide derived from the sequence of Prostaglandin
F2-alpha Receptor

<400> 9

Ile Leu Gly His Arg Asp Tyr

1 5

<210> 10

<211> 8

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<220>

<223> peptide derived from the sequence of Prostaglandin
F2-alpha Receptor

<400> 10

Ile Leu Gly Trp Arg Asp Tyr Lys

1 5

<210> 11

<211> 8

<212> PRT

<213> Artificial Sequence

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F2-alpha Receptor

<221> SITE
 <222> (4)...(4)
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 <400> 11
 Ile Leu Gly Xaa Arg Asp Tyr Lys
 1 5

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 <220>
 <223> peptide derived from the sequence of Prostaglandin
 F2-alpha Receptor

 <400> 12
 Ser Asn Val Leu Cys Ser Ile Phe
 1 5

 <210> 13
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 <220>
 <223> peptide derived from the sequence of Urotensin
 Receptor

 <400> 13
 Leu Ala Met Arg Leu Val Arg Arg Gly
 1 5

 <210> 14
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 <220>
 <223> peptide derived from the sequence of Urotensin
 Receptor

 <400> 14
 Val Ile Arg Ala Thr Arg Pro Ala Leu
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 <210> 15
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 <220>

<223> peptide derived from the sequence of Glucagon
Receptor

<400> 15

Leu Val Ile Asp Gly Leu Leu Arg Thr
1 5

<210> 16

<211> 8

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<223> peptide derived from the sequence of Glucagon
Receptor

<400> 16

Ala Ala Val Arg Cys Gly Ala Val
1 5

<210> 17

<211> 8

<212> PRT

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<220>

<223> peptide derived from the sequence of Glucagon
Receptor

<400> 17

Phe Val Thr Asp Glu His Ala Gln
1 5

<210> 18

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<223> peptide derived from the sequence of R14 Orphan
Receptor (AAL86878)

<400> 18

His Ile Ile Cys Ser Pro Leu Arg
1 5

<210> 19

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<223> peptide derived from the sequence of R14 Orphan

Receptor (AAL86878)

<400> 19

Ile Phe Phe Asp Ser Thr Glu Cys Trp
1 5

<210> 20

<211> 9

<212> PRT

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<220>

<223> peptide derived from the sequence of Platelet
Activating Factor (PAF) Receptor

<400> 20

Leu Val Pro Val Ser Gly Lys Glu Tyr
1 5

<210> 21

<211> 8

<212> PRT

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Activating Factor (PAF) Receptor

<400> 21

Phe Leu Thr Tyr Arg Phe Glu Ser
1 5

<210> 22

<211> 8

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<220>

<223> peptide derived from the sequence of Platelet
Activating Factor (PAF) Receptor

<400> 22

Asn Gly Gln Asn Gln Tyr Tyr Val
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<210> 23

<211> 8

<212> PRT

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<220>

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Activating Factor (PAF)Receptor

<400> 23

Gly Ala Val Asn Cys Leu Phe Lys

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Activating Factor (PAF)Receptor

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Val Thr Asn Thr Ser Asp Leu Val

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<211> 8

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Activating Factor (PAF)Receptor

<400> 25

Leu Glu Ala Leu Thr Trp Pro Leu

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5

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<211> 9

<212> PRT

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Activating Factor (PAF)Receptor

<400> 26

Leu Cys Leu Thr Val Gln His Ala Asp

1

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<210> 27

<211> 8

<212> PRT

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<220>

<223> peptide derived from the sequence of Endothelin
(ETA) Receptor

<400> 27

Asn Ile Tyr Lys Phe Ala Ser Thr

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<210> 28

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide derived from the sequence of Endothelin
(ETA) Receptor

<400> 28

Lys Phe Val Asn Ile Pro Leu Asp Ile Val

1

5

10

<210> 29

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide derived from the sequence of Endothelin
(ETA) Receptor

<400> 29

Phe Leu Lys Cys Leu Phe Val Gly

1

5

<210> 30

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide derived from the sequence of Endothelin
(ETA) Receptor

<400> 30

His Gln Glu Gly Arg Tyr Glu Phe Leu

1

5

<210> 31

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide derived from the sequence of Endothelin
(ETA) Receptor

<400> 31
Trp Trp Asp Lys Val Asp Gln Tyr
1 5

<210> 32
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(ETA) Receptor

<400> 32
Glu Asn Tyr Val Thr Lys Lys Leu Val
1 5

<210> 33
<211> 8
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<220>
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(ETA) Receptor

<400> 33
Glu Asn Tyr Val Thr Lys Lys Leu
1 5

<210> 34
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<220>
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(ETA) Receptor

<400> 34
Leu Leu Glu Cys Arg Glu Asn Lys Asp
1 5

<210> 35
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<220>
<223> peptide derived from the sequence of alpha-1A
Adrenergic Receptor (AR)

<400> 35

Val Asn Ile Ser Lys Ala Ile Leu Leu Gly
1 5 10

<210> 36
<211> 12
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<220>
<223> peptide derived from the sequence of alpha-1A
Adrenergic Receptor (AR)

<400> 36
Val Leu Gly Tyr Trp Ala Phe Gly Arg Val Phe Cys
1 5 10

<210> 37
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<220>
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Adrenergic Receptor (AR)

<400> 37
Tyr Trp Ala Phe Gly Arg Val Phe Cys Asn Ile Trp
1 5 10

<210> 38
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<220>
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Adrenergic Receptor (AR)

<400> 38
Phe Gly Trp Arg Gln Pro Ala Pro Glu Asp Glu Thr
1 5 10

<210> 39
<211> 12
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<220>
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Adrenergic Receptor (AR)

<400> 39
Ile Cys Gln Ile Asn Glu Glu Pro Gly Tyr Val Leu

1

5

10

<210> 40

<211> 12

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<220>

<223> peptide derived from the sequence of alpha-1A
Adrenergic Receptor (AR)

<400> 40

Phe Phe Pro Asp Phe Lys Pro Ser Glu Thr Val Phe

1

5

10

<210> 41

<211> 12

<212> PRT

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<220>

<223> peptide derived from the sequence of alpha-1A
Adrenergic Receptor (AR)

<400> 41

Phe Phe Pro Asp Phe Lys Pro Ser Glu Thr Val Phe

1

5

10

<210> 42

<211> 12

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<220>

<223> peptide derived from the sequence of 5H1A
Serotonin Receptor (SR)

<400> 42

Gly Ile Ser Asp Val Thr Val Ser Tyr Gln Val Ile

1

5

10

<210> 43

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide derived from the sequence of 5H1A
Serotonin Receptor (SR)

<400> 43

Val Leu Asn Lys Trp Thr Leu Gly Gln Val Thr Cys

1

5

10

<210> 44
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
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Serotonin Receptor (SR)

<400> 44
Lys Trp Thr Leu Gly Gln Val Thr Cys Asp Leu Phe
1 5 10

<210> 45
<211> 12
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<220>
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Serotonin Receptor (SR)

<400> 45
Leu Gly Trp Arg Thr Pro Glu Asp Arg Ser Asp Pro
1 5 10

<210> 46
<211> 12
<212> PRT
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<220>
<223> peptide derived from the sequence of 5H1A
Serotonin Receptor (SR)

<400> 46
Cys Thr Ile Ser Lys Asp His Gly Tyr Thr Ile Tyr
1 5 10

<210> 47
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide derived from the sequence of 5H1A
Serotonin Receptor (SR)

<400> 47
Val Leu Pro Phe Cys Glu Ser Ser Cys His Met Pro
1 5 10

<210> 48
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide derived from the sequence of 5H1A
Serotonin Receptor (SR)

<400> 48
Phe Cys Glu Ser Ser Cys His Met Pro Thr Leu Leu
1 5 10

<210> 49
<211> 12
<212> PRT
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<220>
<223> peptide derived from the sequence of Adenosine A1
Receptor

<400> 49
Pro Pro Ser Ile Ser Ala Phe Gln Ala Ala Tyr Ile
1 5 10

<210> 50
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide derived from the sequence of Adenosine A1
Receptor

<400> 50
Leu Ile Asn Ile Gly Pro Gln Thr Tyr Phe His Thr
1 5 10

<210> 51
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide derived from the sequence of Adenosine A1
Receptor

<400> 51
Ile Gly Pro Gln Thr Tyr Phe His Thr Cys Leu Met
1 5 10

<210> 52
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide derived from the sequence of Adenosine A1
Receptor

<400> 52
Trp Asn Asn Leu Ser Ala Val Glu Arg Ala Val
1 5 10

<210> 53
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide derived from the sequence of Adenosine A1
Receptor

<400> 53
Glu Pro Val Ile Lys Cys Glu Phe Glu Lys Val Ile
1 5 10

<210> 54
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide derived from the sequence of Adenosine A1
Receptor

<400> 54
Leu Phe Cys Pro Ser Cys His Lys Pro Ser Ile Leu
1 5 10

<210> 55
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide derived from the sequence of Adenosine A1
Receptor

<400> 55
Leu Phe Cys Pro Ser Cys His Lys Pro Ser Ile Leu
1 5 10

<210> 56

<211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide derived from the sequence of Melanocortin
 (MC)4 Receptor

 <400> 56
 Gly Tyr Ser Asp Gly Gly Cys Tyr Glu Gln Leu Phe
 1 5 10

 <210> 57
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide derived from the sequence of Melanocortin
 (MC)4 Receptor

 <400> 57
 Leu Leu Asn Ser Thr Asp Thr Asp Ala Gln Ser Phe
 1 5 10

 <210> 58
 <211> 12
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 <220>
 <223> peptide derived from the sequence of Melanocortin
 (MC)4 Receptor

 <400> 58
 Ala Gln Ser Phe Thr Val Asn Ile Asp Asn Val Ile
 1 5 10

 <210> 59
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide derived from the sequence of Melanocortin
 (MC)4 Receptor

 <400> 59
 Ile Ile Tyr Ser Asp Ser Ser Ala Val Ile Ile Cys
 1 5 10

 <210> 60
 <211> 12

<212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide derived from the sequence of Melanocortin
 (MC)4 Receptor

 <400> 60
 Leu Phe Ile Ile Tyr Ser Asp Ser Ser Ala Val Ile
 1 5 10

 <210> 61
 <211> 12
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 <220>
 <223> peptide derived from the sequence of Melanocortin
 (MC)4 Receptor

 <400> 61
 Tyr Ile Ser Cys Pro Gln Asn Pro Tyr Cys Val Cys
 1 5 10

 <210> 62
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide derived from the sequence of Melanocortin
 (MC)4 Receptor

 <400> 62
 Ser Cys Pro Gln Asn Pro Tyr Cys Val Cys Phe Met
 1 5 10

 <210> 63
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide derived from the sequence of Protease
 Activated Receptor-2 (PAR-2)

 <400> 63
 Ala Ser Val Leu Thr Gly Lys Leu Thr Thr Val Phe
 1 5 10

 <210> 64
 <211> 12
 <212> PRT

<213> Artificial Sequence

<220>

<223> peptide derived from the sequence of Protease
Activated Receptor-2 (PAR-2)

<400> 64

Phe Pro Leu Lys Ile Ala Tyr His Ile His Gly Asn
1 5 10

<210> 65

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide derived from the sequence of Protease
Activated Receptor-2 (PAR-2)

<400> 65

Asn Trp Ile Tyr Gly Glu Ala Leu Cys Asn Val Leu
1 5 10

<210> 66

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide derived from the sequence of Protease
Activated Receptor-2 (PAR-2)

<400> 66

Leu Tyr Val Val Lys Gln Thr Ile Phe Ile Pro Ala
1 5 10

<210> 67

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide derived from the sequence of Protease
Activated Receptor-2 (PAR-2)

<400> 67

Pro Glu Gln Leu Leu Val Gly Asp Met Phe Asn Tyr
1 5 10

<210> 68

<211> 12

<212> PRT

<213> Artificial Sequence

<220>
 <223> peptide derived from the sequence of Protease
 Activated Receptor-2 (PAR-2)

<400> 68
 Val Val His Tyr Phe Leu Ile Lys Ser Gln Gly Gln
 1 5 10

<210> 69
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> peptide derived from the sequence of Protease
 Activated Receptor-2 (PAR-2)

<400> 69
 Phe Leu Ile Lys Ser Gln Gly Gln Ser His Val Tyr
 1 5 10

<210> 70
 <211> 12
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<220>
 <223> peptide derived from the sequence of Metabotropic
 Glutamate Receptor 1 (MGR1)

<400> 70
 Arg Tyr Leu Glu Trp Ser Asn Ile Glu Pro Ile Ile
 1 5 10

<210> 71
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<220>
 <223> peptide derived from the sequence of Metabotropic
 Glutamate Receptor 1 (MGR1)

<400> 71
 Leu Ile Ala Lys Pro Thr Thr Thr Ser Cys Tyr Leu Gln
 1 5 10

<210> 72
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
<223> peptide derived from the sequence of Metabotropic
Glutamate Receptor 1 (MGR1)

<400> 72
Pro Thr Thr Thr Ser Cys Tyr Leu Gln Arg Leu Leu
1 5 10

<210> 73
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide derived from the sequence of Metabotropic
Glutamate Receptor 1 (MGR1)

<400> 73
Ile Ile Met Glu Pro Pro Met Pro Ile Leu Ser Tyr
1 5 10

<210> 74
<211> 11
<212> PRT
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<220>
<223> peptide derived from the sequence of Metabotropic
Glutamate Receptor 1 (MGR1)

<400> 74
Leu Ile Cys Asn Thr Ser Asn Leu Gly Val Val
1 5 10

<210> 75
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<220>
<223> peptide derived from the sequence of Metabotropic
Glutamate Receptor 1 (MGR1)

<400> 75
Tyr Phe Gly Ser Asn Tyr Lys Ile Ile Thr Thr Cys
1 5 10

<210> 76
<211> 12
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<220>

<223> peptide derived from the sequence of Metabotropic
Glutamate Receptor 1 (MGR1)

<400> 76

Phe Gly Ser Asn Tyr Lys Ile Ile Thr Thr Cys Phe
1 5 10

<210> 77

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide derived from the sequence of Parathyroid
Hormone (PTH) Receptor

<400> 77

Phe Leu Met Glu Tyr His Met Gln
1 5

<210> 78

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide antagonist derived from the sequence of
Urotensin Receptor (GPR14)

<221> SITE

<222> (1)...(8)

<223> amino acids 1 to 8 are D-amino acids

<400> 78

Leu Ala Met Arg Leu Val Arg Arg Gly
1 5

<210> 79

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide antagonist derived from the sequence of
Urotensin Receptor (GPR14)

<221> SITE

<222> (1)...(9)

<223> peptide containing all D-amino acids

<400> 79

Val Ile Arg Ala Thr Arg Pro Ala Leu
1 5

<210> 80
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist derived from the sequence of
 Glucagon Receptor

 <221> SITE
 <222> (1)...(4)
 <223> Amino acids 1 to 4 are D-amino acids

 <221> SITE
 <222> (6)...(9)
 <223> Amino acids 6 to 9 are D-amino acids

 <400> 80
 Leu Val Ile Asp Gly Leu Leu Arg Thr
 1 5

 <210> 81
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist derived from the sequence of
 Glucagon Receptor

 <221> SITE
 <222> (1)...(5)
 <223> amino acids 1 to 5 are D-amino acids

 <221> SITE
 <222> (7)...(8)
 <223> amino acids 7 and 8 are D-amino acids

 <400> 81
 Ala Ala Val Arg Cys Gly Ala Val
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 <210> 82
 <211> 8
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 <220>
 <223> peptide antagonist derived from the sequence of
 Glucagon Receptor

 <221> SITE
 <222> (1)...(8)
 <223> peptide containing all D-amino acids

<400> 82

Phe Val Thr Asp Glu His Ala Gln

1 5

<210> 83

<211> 8

<212> PRT

<213> R14Artificial Sequence

<220>

<223> peptide antagonist derived from the sequence of
R14 Orphan Receptor

<221> SITE

<222> (1)...(8)

<223> peptide containing all D-amino acids

<400> 83

His Ile Ile Cys Ser Pro Leu Arg

1 5

<210> 84

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide antagonist derived from the sequence of
R14 Orphan Receptor

<221> SITE

<222> (1)...(9)

<223> peptide containing all D-amino acids

<400> 84

Ile Phe Phe Asp Ser Thr Glu Cys Trp

1 5

<210> 85

<211> 9

<212> PRT

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<223> peptide antagonist derived from the sequence of
Platelet Activating Factor (PAF) Receptor

<221> SITE

<222> (1)...(5)

<223> amino acids 1 to 5 are D-amino acids

<221> SITE

<222> (7)...(9)

<223> amino acids 7 to 9 are D-amino acids

<400> 85

Leu Val Pro Val Ser Gly Lys Glu Tyr
1 5

<210> 86

<211> 8

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<220>

<223> peptide antagonist derived from the sequence of
Parathyroid Hormone Receptor 1 (PTHr1)

<221> SITE

<222> (1)...(8)

<223> peptide containing all D-amino acids

<400> 86

Phe Leu Met Glu Tyr His Met Gln
1 5

<210> 87

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide antagonist derived from the sequence of
Endothelin Receptor

<221> SITE

<222> (1)...(7)

<223> amino acids 1 to 7 are D-amino acids

<400> 87

Phe Leu Lys Cys Leu Phe Val Gly
1 5

<210> 88

<211> 8

<212> PRT

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<220>

<223> peptide antagonist derived from the sequence of
Endothelin Receptor

<221> SITE

<222> (1)...(8)

<223> peptide containing all D-amino acids

<400> 88

Trp Trp Asp Lys Val Asp Gln Tyr
1 5

<210> 89
<211> 8
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<220>
<223> peptide antagonist derived from the sequence of
Endothelin Receptor

<221> SITE
<222> (1)...(8)
<223> peptide containing all D-amino acids

<400> 89
Glu Asn Tyr Val Thr Lys Lys Leu
1 5

<210> 90
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<220>
<223> peptide antagonist based on sequence of
prostaglandin F2-alpha receptor

<221> SITE
<222> (1)...(8)
<223> peptide containing all D-amino acids

<400> 90
Tyr Gln Asp Arg Phe Tyr Leu Leu
1 5

<210> 91
<211> 8
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<220>
<223> peptide antagonist based on sequence of
prostaglandin F2-alpha receptor

<221> SITE
<222> (1)...(8)
<223> peptide containing all D-amino acids

<400> 91
Ile Leu Gly His Arg Asp Tyr Lys
1 5

<210> 92
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 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on sequence of
 prostaglandin F2-alpha receptor

 <221> SITE
 <222> (1)...(8)
 <223> peptide containing all D-amino acids

<400> 92
 Ile Leu Ala His Arg Asp Tyr Lys
 1 5

<210> 93
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on sequence of
 prostaglandin F2-alpha receptor

 <221> SITE
 <222> (1)...(2)
 <223> amino acids at positions 1 and 2 are D-amino acids

 <221> SITE
 <222> (4)...(8)
 <223> amino acids from positions 4 to 8 are D-amino
 acids

<400> 93
 Ile Leu Ala His Arg Asp Tyr Lys
 1 5

<210> 94
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on sequence of
 prostaglandin F2-alpha receptor

 <221> SITE
 <222> (1)...(8)
 <223> peptide containing all D-amino acids

<400> 94
 Ile Leu Gly Phe Arg Asp Tyr Lys

1

5

<210> 95
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on sequence of
 prostaglandin F2-alpha receptor

<221> SITE
<222> (1)...(8)
<223> peptide containing all D-amino acids

<400> 95
Ile Leu Gly His Lys Asp Tyr Lys
1 5

<210> 96
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on sequence of
 prostaglandin F2-alpha receptor

<221> SITE
<222> (1)...(8)
<223> peptide containing all D-amino acids

<400> 96
Ile Leu Gly His Lys Asn Tyr Lys
1 5

<210> 97
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on sequence of
 prostaglandin F2-alpha receptor

<221> SITE
<222> (1)...(8)
<223> peptide containing all D-amino acids

<400> 97
Ile Leu Gly His Gln Asp Tyr Lys
1 5

<210> 98
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on sequence of
prostaglandin F2-alpha receptor

<221> AMIDATION
<222> (7)...(7)
<223> The hydroxy group of the amino acid at position 7
has been changed to an amine

<221> SITE
<222> (1)...(7)
<223> peptide containing all D-amino acids

<400> 98
Ile Leu Gly His Arg Asp Tyr
1 5

<210> 99
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on sequence of
prostaglandin F2-alpha receptor

<221> AMIDATION
<222> (8)...(8)
<223> The hydroxy group of the amino acid at position 8
has been changed to an amine

<221> SITE
<222> (1)...(8)
<223> peptide containing all D-amino acids

<400> 99
Ile Leu Gly His Arg Asp Tyr Lys
1 5

<210> 100
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on sequence of
prostaglandin F2-alpha receptor

<221> SITE

<222> (1)...(8)
 <223> peptide containing all D-amino acids

 <400> 100
 Ile Leu Gly Trp Arg Asp Tyr Lys
 1 5

 <210> 101
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on sequence of
 prostaglandin F2-alpha receptor

 <221> SITE
 <222> (4)...(4)
 <223> Xaa at position 4 is a cyclohexyl alanine

 <221> SITE
 <222> (1)...(8)
 <223> peptide containing all D-amino acids

 <400> 101
 Ile Leu Gly Xaa Arg Asp Tyr Lys
 1 5

 <210> 102
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on sequence of
 prostaglandin F2-alpha receptor

 <221> SITE
 <222> (1)...(8)
 <223> peptide containing all D-amino acids

 <400> 102
 Ser Asn Val Leu Cys Ser Ile Phe
 1 5

 <210> 103
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on sequence of
 prostaglandin F2-alpha receptor

<221> SITE
 <222> (1)...(8)
 <223> peptide containing all D-amino acids

 <400> 103
 Trp Glu Asp Arg Phe Tyr Leu Leu
 1 5

 <210> 104
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on sequence of
 prostaglandin F2-alpha receptor

 <221> SITE
 <222> (1)...(8)
 <223> peptide containing all D-amino acids

 <400> 104
 Ile Leu Gly His Arg Asn Tyr Lys
 1 5

 <210> 105
 <211> 7
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on sequence of
 prostaglandin F2-alpha receptor

 <221> SITE
 <222> (1)...(7)
 <223> peptide containing all D-amino acids

 <400> 105
 Ile Leu Gly His Arg Asp Tyr
 1 5

 <210> 106
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on sequence of
 Urotensin receptor

 <221> SITE
 <222> (1)...(9)
 <223> peptide containing all D-amino acids

<400> 106
Leu Ala Met Arg Leu Val Arg Arg Gly
1 5

<210> 107
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Glucagon Receptor

<221> SITE
<222> (1)...(9)
<223> peptide containing all D-amino acids

<400> 107
Leu Val Ile Asp Gly Leu Leu Arg Thr
1 5

<210> 108
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Glucagon Receptor

<221> SITE
<222> (1)...(8)
<223> peptide containing all D-amino acids

<400> 108
Ala Ala Val Arg Cys Gly Ala Val
1 5

<210> 109
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Platelet Activating Factor (PAF) Receptor

<221> SITE
<222> (1)...(9)
<223> peptide containing all D-amino acids

<400> 109
Leu Val Pro Val Ser Gly Lys Glu Tyr
1 5

<210> 110
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Platelet Activating Factor (PAF) Receptor

<221> SITE
<222> (1)...(8)
<223> peptide containing all D-amino acids

<400> 110
Phe Leu Thr Tyr Arg Phe Glu Ser
1 5

<210> 111
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Platelet Activating Factor (PAF) Receptor

<221> SITE
<222> (1)...(8)
<223> peptide containing all D-amino acids

<400> 111
Asn Gly Gln Asn Gln Tyr Tyr Val
1 5

<210> 112
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Platelet Activating Factor (PAF) Receptor

<221> SITE
<222> (1)...(8)
<223> peptide containing all D-amino acids

<400> 112
Gly Ala Val Asn Cys Leu Phe Lys
1 5

<210> 113
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Platelet Activating Factor (PAF)Receptor

 <221> SITE
 <222> (1)...(8)
 <223> peptide containing all D-amino acids

 <400> 113
 Val Thr Asn Thr Ser Asp Leu Val
 1 5

 <210> 114
 <211> 8
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Platelet Activating Factor (PAF)Receptor

 <221> SITE
 <222> (1)...(8)
 <223> peptide containing all D-amino acids

 <400> 114
 Leu Glu Ala Leu Thr Trp Pro Leu
 1 5

 <210> 115
 <211> 9
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Platelet Activating Factor (PAF)Receptor

 <221> SITE
 <222> (1)...(9)
 <223> peptide containing all D-amino acids

 <400> 115
 Leu Cys Leu Thr Val Gln His Ala Asp
 1 5

<210> 116
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Endothelin (ETA) Receptor

<221> SITE
<222> (1)...(8)
<223> peptide containing all D-amino acids

<400> 116
Asn Ile Tyr Lys Phe Ala Ser Thr
1 5

<210> 117
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Endothelin (ETA) Receptor

<221> SITE
<222> (1)...(10)
<223> peptide containing all D-amino acids

<400> 117
Lys Phe Val Asn Ile Pro Leu Asp Ile Val
1 5 10

<210> 118
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Endothelin(ETA)Receptor

<221> SITE
<222> (1)...(8)
<223> peptide containing all D-amino acids

<400> 118
Phe Leu Lys Cys Leu Phe Val Gly
1 5

<210> 119
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Endothelin(ETA) Receptor

<221> SITE
<222> (1)...(9)
<223> peptide containing all D-amino acids

<400> 119
His Gln Glu Gly Arg Tyr Glu Phe Leu
1 5

<210> 120
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Endothelin(ETA) Receptor

<221> SITE
<222> (1)...(8)
<223> peptide containing all D-amino acids

<400> 120
Glu Asn Tyr Val Thr Lys Lys Leu
1 5

<210> 121
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Endothelin (ETA) Receptor

<221> SITE
<222> (1)...(9)
<223> peptide containing all D-amino acids

<400> 121
Leu Leu Glu Cys Arg Glu Asn Lys Asp
1 5

<210> 122
 <211> 10
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 alpha-1A Adrenergic Receptor (AR)

<221> SITE
 <222> (1)...(10)
 <223> peptide containing all D-amino acids

<400> 122
 Val Asn Ile Ser Lys Ala Ile Leu Leu Gly
 1 5 10

<210> 123
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> peptide antagonist based on the sequence of
 alpha-1A Adrenergic Receptor (AR)

<221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

<400> 123
 Val Leu Gly Tyr Trp Ala Phe Gly Arg Val Phe Cys
 1 5 10

<210> 124
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> peptide antagonist based on the sequence of
 alpha-1A Adrenergic Receptor (AR)

<221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

<400> 124
 Tyr Trp Ala Phe Gly Arg Val Phe Cys Asn Ile Trp
 1 5 10

<210> 125
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 alpha-1A Adrenergic Receptor (AR)

<221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

<400> 125
 Phe Gly Trp Arg Gln Pro Ala Pro Glu Asp Glu Thr
 1 5 10

<210> 126
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> peptide antagonist based on the sequence of
 alpha-1A Adrenergic Receptor (AR)

<221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

<400> 126
 Ile Cys Gln Ile Asn Glu Glu Pro Gly Tyr Val Leu
 1 5 10

<210> 127
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> peptide antagonist based on the sequence of
 alpha-1A Adrenergic Receptor (AR)

<221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

<400> 127
 Phe Phe Pro Asp Phe Lys Pro Ser Glu Thr Val Phe
 1 5 10

<210> 128
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 alpha-1A Adrenergic Receptor (AR)

<221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

<400> 128
 Phe Phe Pro Asp Phe Lys Pro Ser Glu Thr Val Phe
 1 5 10

<210> 129
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> peptide antagonist based on the sequence of 5H1A
 Serotonin Receptor (SR)

<221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

<400> 129
 Gly Ile Ser Asp Val Thr Val Ser Tyr Gln Val Ile
 1 5 10

<210> 130
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> peptide antagonist based on the sequence of 5H1A
 Serotonin Receptor (SR)

<221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

<400> 130
 Val Leu Asn Lys Trp Thr Leu Gly Gln Val Thr Cys
 1 5 10

<210> 131

<211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of 5H1A
 Serotonin Receptor (SR)

 <221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

 <400> 131
 Lys Trp Thr Leu Gly Gln Val Thr Cys Asp Leu Phe
 1 5 10

 <210> 132
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of 5H1A
 Serotonin Receptor (SR)

 <221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

 <400> 132
 Leu Gly Trp Arg Thr Pro Glu Asp Arg Ser Asp Pro
 1 5 10

 <210> 133
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of 5H1A
 Serotonin Receptor (SR)

 <221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

 <400> 133
 Cys Thr Ile Ser Lys Asp His Gly Tyr Thr Ile Tyr
 1 5 10

 <210> 134
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of 5H1A
Serotonin Receptor (SR)

<221> SITE
<222> (1)...(12)
<223> peptide containing all D-amino acids

<400> 134
Val Leu Pro Phe Cys Glu Ser Ser Cys His Met Pro
1 5 10

<210> 135
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of 5H1A
Serotonin Receptor (SR)

<221> SITE
<222> (1)...(12)
<223> peptide containing all D-amino acids

<400> 135
Phe Cys Glu Ser Ser Cys His Met Pro Thr Leu Leu
1 5 10

<210> 136
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Adenosine A1 Receptor

<221> SITE
<222> (1)...(12)
<223> peptide containing all D-amino acids

<400> 136
Pro Pro Ser Ile Ser Ala Phe Gln Ala Ala Tyr Ile
1 5 10

<210> 137
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of

Adenosine A1 Receptor

<221> SITE
<222> (1)...(12)
<223> peptide containing all D-amino acids

<400> 137
Leu Ile Asn Ile Gly Pro Gln Thr Tyr Phe His Thr
1 5 10

<210> 138
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Adenosine A1 Receptor

<221> SITE
<222> (1)...(12)
<223> peptide containing all D-amino acids

<400> 138
Ile Gly Pro Gln Thr Tyr Phe His Thr Cys Leu Met
1 5 10

<210> 139
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Adenosine A1 Receptor

<221> SITE
<222> (1)...(11)
<223> peptide containing all D-amino acids

<400> 139
Trp Asn Asn Leu Ser Ala Val Glu Arg Ala Val
1 5 10

<210> 140
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Adenosine A1 Receptor

<221> SITE

<222> (1)...(12)
 <223> peptide containing all D-amino acids

 <400> 140
 Glu Pro Val Ile Lys Cys Glu Phe Glu Lys Val Ile
 1 5 10

 <210> 141
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Adenosine A1 Receptor

 <221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

 <400> 141
 Leu Phe Cys Pro Ser Cys His Lys Pro Ser Ile Leu
 1 5 10

 <210> 142
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Adenosine A1 Receptor

 <221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

 <400> 142
 Leu Phe Cys Pro Ser Cys His Lys Pro Ser Ile Leu
 1 5 10

 <210> 143
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Melanocortin (MC) 4 Receptor

 <221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

<400> 143
Gly Tyr Ser Asp Gly Gly Cys Tyr Glu Gln Leu Phe
1 5 10

<210> 144
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Melanocortin (MC) 4 Receptor

<221> SITE
<222> (1)...(12)
<223> peptide containing all D-amino acids

<400> 144
Leu Leu Asn Ser Thr Asp Thr Asp Ala Gln Ser Phe
1 5 10

<210> 145
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Melanocortin (MC) 4 Receptor

<221> SITE
<222> (1)...(12)
<223> peptide containing all D-amino acids

<400> 145
Ala Gln Ser Phe Thr Val Asn Ile Asp Asn Val Ile
1 5 10

<210> 146
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Melanocortin (MC) 4 Receptor

<221> SITE
<222> (1)...(12)
<223> peptide containing all D-amino acids

<400> 146
Ile Ile Tyr Ser Asp Ser Ser Ala Val Ile Ile Cys
1 5 10

<210> 147
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Melanocortin (MC) 4 Receptor

 <221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

<400> 147
 Leu Phe Ile Ile Tyr Ser Asp Ser Ser Ala Val Ile
 1 5 10

<210> 148
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Melanocortin (MC) 4 Receptor

 <221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

<400> 148
 Tyr Ile Ser Cys Pro Gln Asn Pro Tyr Cys Val Cys
 1 5 10

<210> 149
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Melanocortin (MC) 4 Receptor

 <221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

<400> 149
 Ser Cys Pro Gln Asn Pro Tyr Cys Val Cys Phe Met
 1 5 10

<210> 150

<211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Protease Activated Receptor-2 (PAR-2)

 <221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

 <400> 150
 Ala Ser Val Leu Thr Gly Lys Leu Thr Thr Val Phe
 1 5 10

 <210> 151
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Protease Activated Receptor-2 (PAR-2)

 <221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

 <400> 151
 Phe Pro Leu Lys Ile Ala Tyr His Ile His Gly Asn
 1 5 10

 <210> 152
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Protease Activated Receptor-2 (PAR-2)

 <221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

 <400> 152
 Asn Trp Ile Tyr Gly Glu Ala Leu Cys Asn Val Leu
 1 5 10

 <210> 153
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Protease Activated Receptor-2 (PAR-2)

<221> SITE
<222> (1)...(12)
<223> peptide containing all D-amino acids

<400> 153
Leu Tyr Val Val Lys Gln Thr Ile Phe Ile Pro Ala
1 5 10

<210> 154
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Protease Activated Receptor-2 (PAR-2)

<221> SITE
<222> (1)...(12)
<223> peptide containing all D-amino acids

<400> 154
Pro Glu Gln Leu Leu Val Gly Asp Met Phe Asn Tyr
1 5 10

<210> 155
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Protease Activated Receptor-2 (PAR-2)

<221> SITE
<222> (1)...(12)
<223> peptide containing all D-amino acids

<400> 155
Val Val His Tyr Phe Leu Ile Lys Ser Gln Gly Gln
1 5 10

<210> 156
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of

Protease Activated Receptor-2 (PAR-2)

<221> SITE

<222> (1)...(12)

<223> peptide containing all D-amino acids

<400> 156

Phe Leu Ile Lys Ser Gln Gly Gln Ser His Val Tyr
1 5 10

<210> 157

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide antagonist based on the sequence of
Metabotropic Glutamate Receptor (MGR1)

<221> SITE

<222> (1)...(12)

<223> peptide containing all D-amino acids

<400> 157

Arg Tyr Leu Glu Trp Ser Asn Ile Glu Pro Ile Ile
1 5 10

<210> 158

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide antagonist based on the sequence of
Metabotropic Glutamate Receptor (MGR1)

<221> SITE

<222> (1)...(13)

<223> peptide containing all D-amino acids

<400> 158

Leu Ile Ala Lys Pro Thr Thr Thr Ser Cys Tyr Leu Gln
1 5 10

<210> 159

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> peptide antagonist based on the sequence of
Metabotropic Glutamate Receptor (MGR1)

<221> SITE

<222> (1)...(12)
 <223> peptide containing all D-amino acids

 <400> 159
 Pro Thr Thr Thr Ser Cys Tyr Leu Gln Arg Leu Leu
 1 5 10

 <210> 160
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Metabotropic Glutamate Receptor (MGR1)

 <221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

 <400> 160
 Ile Ile Met Glu Pro Pro Met Pro Ile Leu Ser Tyr
 1 5 10

 <210> 161
 <211> 11
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Metabotropic Glutamate Receptor (MGR1)

 <221> SITE
 <222> (1)...(11)
 <223> peptide containing all D-amino acids

 <400> 161
 Leu Ile Cys Asn Thr Ser Asn Leu Gly Val Val
 1 5 10

 <210> 162
 <211> 12
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> peptide antagonist based on the sequence of
 Metabotropic Glutamate Receptor (MGR1)

 <221> SITE
 <222> (1)...(12)
 <223> peptide containing all D-amino acids

<400> 162
Tyr Phe Gly Ser Asn Tyr Lys Ile Ile Thr Thr Cys
1 5 10

<210> 163
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide antagonist based on the sequence of
Metabotropic Glutamate Receptor (MGR1)

<221> SITE
<222> (1)...(12)
<223> peptide containing all D-amino acids

<400> 163
Phe Gly Ser Asn Tyr Lys Ile Ile Thr Thr Cys Phe
1 5 10